

PRE-DESIGN INVESTIGATION WORK PLAN ARKEMA PROJECT AREA

Person Overboard Recovery Procedures

The site-specific Health and Safety Plan (HASP) dated December 18, 2020, Appendix C of the Pre-Design Investigation (PDI) Work Plan for the Arkema Project Area, does not provide specific person overboard procedures for the sediment coring work. The purpose of this document is to provide person overboard procedures during the coring work.

Per the site-specific Health & Safety plan, all personnel will wear Coast Guard-approved PFDs (either vests or jackets) on the vessel. The PFDs should be inspected before and at the end of each use for wear, torn stitching or straps, inoperable buckles, or other defects. Ring buoys with at least 90 feet of line shall also be provided and readily available for emergency rescue operations. The coring vessel is small (32 ft) and is powered by twin diesel engines with jet drive propulsion, which make it very maneuverable and well-suited for use as a rescue skiff.

The vessel captain will keep watch of all persons onboard and initiate the following person overboard procedures immediately upon seeing or being advised of a person overboard, or noticing a person missing from the vessel:

- Immediately call out “Man Overboard.”
- Designate a crewmember to keep the person in water (PIW) in sight and continuously point at the PIW
- Press the man overboard (MOB) button on the GPS
- Alert emergency responders and others (i.e., vessel crew)
- Throw flotation devices (i.e., ring buoys, life rings) to the PIW
- If the coring vessel is anchored, immediately cut the boat anchor ropes and the coring head line if deployed (cutters and/or knife capable of easily cutting all lines will be at the on the vessel at all times)
- Maneuver the vessel alongside the PIW and drop the landing craft style door on the bow of the vessel
- Crew will guide or physically pull the PIW to the bow

- The victim will then be brought aboard the sampling vessel through the landing craft style door on the bow of the vessel.

With the above procedures, it is anticipated that a PIW can be brought to the recovery point within 2 minutes or less from the time of observation of PIW overboard. The victim may need to be treated for cold stress. No other person should enter the water unless the victim is unconscious or seriously injured. Rescuers must wear life vests and be tethered to the sampling vessel or shore.